## Express Mail # EV77768804/1895 Rec'd PCT/PTO 24 JUL 2006

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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## ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES E5073-00002 DESIGNATED/ELECTED OFFICE (DO/EO/US) see 37 CFR 1.5) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** INTERNATIONAL FILING DATE INTERNATIONAL APPLICATION NO. 17 July 2001 PCT/US02/22689 17 July 2002 TITLE OF INVENTION Microstructure for Particle and Cell Separation, Identification, Sorting, and Manipulation APPLICANT(S) FOR DO/EO/US Georgi HVICHIA Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). has been previously submitted under 35 U.S.C. 154(d)(4). 7. 🗹 Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

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This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## 1875 Rec'd PCT/PTO 24 JUL 2006

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U.S. APPLICATION NO. (if known, see 3 CF9 1.5) INTERNATIONAL APPLICATION NO. PCT/US02/22689		ATTORNEY'S DOCKET NUMBER E5073-00002				
FC1/0302/22009 23070 00002						
20. Other items or information:						
The following fees have be	en submitted	-		CALCULATIONS	PTO USE ONLY	
21. Z Basic national fee (37 CFR 1.492(a))			\$300	\$ 300		
22. Z Examination fee (37 CF						
If the written opinion prepared by IS	\$ 200					
by IPEA/US indicates all cla						
All other situations\$200  23. Search fee (37 CFR 1.492(b))						
If the written opinion of the ISA/US of						
IPEA/US indicates all claims Search fee (37 CFR 1.445(a)(2)) ha	\$ 100					
International Searching Auth International Search Report prepare						
previously communicated to All other situations						
TOTAL OF 21, 22 and 23 =				\$ 600		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding				<u> </u>		
sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).						
The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					}	
Total Sheets Extra Sheets	Number of each additional 50 or fraction RATE thereof (round up to a whole number)					
17 - 100 = /50 =	The second secon		x \$250	<b>\$</b> 0	I	
Surcharge of \$130.00 for furnishing	s	T				
after the date of commencement of		<u> </u>				
CLAIMS NUMBE	R FILED	NUMBER EXTRA	RATE	\$	1	
Total claims 27	- 20 =	7	× \$50	\$ 350		
Independent claims 3	- 3 =	0	x \$200	\$ 0		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360				\$ 0	-	
TOTAL OF ABOVE CALCULATIONS =  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				\$ 950		
SUBTOTAL =				- \$ 475 \$ 475		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest						
claimed priority date (37 CFR 1.492(i)). +				\$		
TOTAL NATIONAL FEE =				\$ 475		
Fee for recording the enclosed assign by an appropriate cover sheet (37 C	\$					
TOTAL FEES ENCLOSED =				\$ 475	<del></del>	
				Amount to be refunded:	\$	
				Amount to be charged	\$	

APPOREC'D PCT/PTO 24 JULET 2006

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a. A check in the amount of \$ to cover the	e above fees is enclosed.				
b. Please charge my Deposit Account No. <u>04-1679</u> in the amour A duplicate copy of this sheet is enclosed.	nt of \$ 475 to cover the above fees.				
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1679					
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:  Gary D. Colby, Ph.D., J.D.  Duane Morris LLP  30 South 17th Street  Philadelphia PA 19103-4196  215-979-1849  215-979-1020 fax	SIGNATURE Gary D. COLBY  NAME 40,961  REGISTRATION NUMBER 29 JJY 2006				